



04-19-04

PTO/SB/21 (08-03)
Approved for use through 08/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

6

Application Number	10/805,669
Filing Date	03/22/2004
First Named Inventor	Meimei Z. Tidrow
Art Unit	
Examiner Name	

Attorney Docket Number ARL 98-68D

ENCLOSURES (Check all that apply)

Fee Transmittal Form
 Fee Attached
 Amendment/Reply
 After Final
 Affidavits/declaration(s)
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Document(s)
 Response to Missing Parts/ Incomplete Application
 Response to Missing Parts under 37 CFR 1.52 or 1.53

Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a Provisional Application
 Power of Attorney, Revocation
 Change of Correspondence Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s) _____

After Allowance communication to Technology Center (TC)
 Appeal Communication to Board of Appeals and Interferences
 Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please identify below):

Remarks

Request to Associate New Declaration and Power of Attorney with File

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William V. Adams, Registration Number 32,552
Signature	
Date	15 April 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name		
Signature		Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CIPR/JCWS
APR 16 2004

I P E JC98
APR 15 2004
U. S. PATENT & TRADEMARK OFFICE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130)

Complete if Known

Application Number	10/805,669
Filing Date	03/22/2004
First Named Inventor	Meimei Z. Tidrow
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	ARL 98-68D

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number
19-2201

Deposit Account Name
U.S.Army Materiel Command

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			130

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** =	X	=
Independent Claims	- 3** =	X	=
Multiple Dependent			=

Large Entity Small Entity

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	130
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 130

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	William V. Adams	Registration No. (Attorney/Agent)	32,552	Telephone	703 806-8255
Signature				Date	15 April 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : **10/805,669** Confirmation No.:
Applicant : **Tidrow, et al.**
Filed : **03/22/2004**
TC/A.U. : **Not Yet Assigned**
Examiner : **Not yet Assigned**

Docket : **ARL 98-68D**

Customer No. : **21364 U.S. Army Research Laboratory**

For: Method of Fabricating a Colossal Magneto-Resistive Detector Using a Thin Film Transfer method

REQUEST TO ASSOCIATE NEW DECLARATION AND POWER OF ATTORNEY WITH FILE

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Missing Parts
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Please associate the attached Declaration and Power of Attorney with the above captioned case SN **10/805,669** which was filed on **03/22/2004**. The case is a Divisional of SN **09/550,623** now U.S. Patent **6,708,392** and was filed with an unsigned Declaration and Power of Attorney along with a copy of the Declaration and Power of Attorney Filed in the Parent Case. Since the Attorneys of Record are different and the inventors' addresses have changed, Applicant's Attorney believes that a new Declaration and Power of Attorney is appropriate. The Commissioner is authorized to charge Deposit Account 19-2201 Army Materiel Command \$130 or any such fee as may be appropriate.

If there are any questions, please telephone the undersigned at the local telephone number given below.

Respectfully submitted,

04/20/2004 HGUTEMA1 00000039 192201 10805669
01 FC:1051 130.00-DA

15 APRIL 2004

DATE

A handwritten signature in black ink, appearing to read "William V. Adams".

William V. Adams
Attorney for Applicants
Reg. No. 32,552
(703) 806-8255

DEPARTMENT OF THE ARMY
UNITED STATES ARMY RESEARCH LABORATORY
2800 POWDER MILL ROAD
ADELPHI, MARYLAND 20783-1197

Declaration and Power of Attorney for Original Application

Docket No.: ARL 98-68D

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;
I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled

Method of Fabricating a Colossal Magneto-Resistive Detector Using a Thin Film Transfer Method

The specification of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims;

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56;

No foreign applications for a patent or inventor's certificate have been filed.

POWER OF ATTORNEY: I hereby certify that the Government of the United States of America, as represented by the Secretary of the Army, has an assignment in the invention set forth in this application, and give irrevocable control of this application for Letters Patent to the Government of the United States, as represented by the Secretary of the Army, and appoint the following attorneys and all registered patent attorneys and agents hereinafter associated with Customer Numbers 21364, Army Research Laboratory; and 37064, Office of Command Counsel, U.S. Army Materiel Command to transact all business in the United States Patent and Trademark Office connected therewith:

William V. Adams 32,552 (703 806-8255) William W. Randolph 28,986 (703 806-8254)
Stephen M. Bloor 39,612 (301 394-1595) Edward L. Stolarun 25,515 (703 806-8244)

ADDRESS ALL TELEPHONE CALLS TO William V. Adams (Phone numbers are listed above)

ADDRESS ALL CORRESPONDENCE TO: U.S. Army Research Laboratory,

ATTN: AMSRD-ARL-CS-CC-IP (C. Bourget), 2800 Powder Mill Road, Adelphi, MD 20783-1197

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

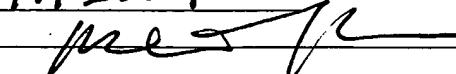
FULL NAME of SOLE or FIRST INVENTOR: Meimei Z. Tidrow

RESIDENCE: Annandale, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 4643 Aspen Hill Court, Annandale, VA 22003

DATE: 4/11/2004

SIGNATURE: 

Docket No.: ARL 98-68D

FULL NAME OF SECOND INVENTOR: Steven Tidrow

RESIDENCE: Silver Spring, MD CITIZENSHIP: USA

POST OFFICE ADDRESS: 14105 Castle Blvd., Apt 303, Silver Spring, MD 20783-1197

DATE: 30 March 2004

SIGNATURE: Steven Tidrow

FULL NAME OF THIRD INVENTOR: _____

RESIDENCE: _____ CITIZENSHIP: _____

POST OFFICE ADDRESS: _____

DATE: _____

SIGNATURE: _____

FULL NAME OF FOURTH INVENTOR: _____

RESIDENCE: _____ CITIZENSHIP: _____

POST OFFICE ADDRESS: _____

DATE: _____

SIGNATURE: _____

FULL NAME OF FIFTH INVENTOR: _____

RESIDENCE: _____ CITIZENSHIP: _____

POST OFFICE ADDRESS: _____

DATE: _____

SIGNATURE: _____

FULL NAME OF SIXTH INVENTOR: _____

RESIDENCE: _____ CITIZENSHIP: _____

POST OFFICE ADDRESS: _____

DATE: _____

SIGNATURE: _____